

# A new Species of *Glycaspis* (Homoptera: Spondyliaspidae) and some new Host Records

K. M. MOORE

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A new species of *Glycaspis* Taylor from Collinsville, Queensland, is described and figured, and some new host associations and distributions are recorded.

K. M. Moore, Statue Bay, Yeppoon, Australia 4703; manuscript received 3 June 1986, accepted for publication 18 February 1987.

## INTRODUCTION

With the description of this species, the subgenus *Glycaspis* of *Glycaspis* Taylor 1960 now consists of 88 species which are confined to the *Symphomyrtus* suballiance of *Eucalyptus* L'Hérit. (Pryor and Johnson 1971).

## DESCRIPTION AND NOTES

### *Glycaspis (Glycaspis) incompta* sp.n.

Figs 1-3

*Types.* Holotype ♂ on slide labelled Collinsville, Qld, 22 iii 1984, A. G. Webb, P052. Paratypes, 2 slides of single wholemount males with same label data, but P093 and P094 respectively.

Claspers and aedeagus as in Figs 1-3. Length of aedeagus 0.195-0.205mm (3 specimens).

All specimens are in the Australian National Insect Collection, CSIRO, Canberra.

*Notes:* The phyletic position of *G. incompta* is in the *taylori* group, and appears to be nearest to *G. xanthopepla* Moore from which it differs in the following characters: the aedeagus is longer, with its distal end wider and more curved; posterior border of claspers more rounded, distal expansion of less area, the basal 'foot' of broader profile, fewer setae on external face.

The host of *G. xanthopepla* is *Eucalyptus seeana* Maiden the northern distribution of which reaches to about latitude 26°S. Collinsville is about 700km in a direct line from the nearest known occurrence of *E. seeana*.

*Etymology:* Latin, *incompta* = of which one has no information (on lerp shape or host).

## NEW HOST RECORDS

*Glycaspis (Boreioglycaspis) devexa* Moore has now been found to colonize *Melaleuca dealbata* S. T. Blake, at 10km S Yeppoon.

*G. (B.) australiensis* Moore occurs on *Lophostemon* (= *Tristania*) *suaveolens* (Soland. ex Gaertn.) Wilson and Waterhouse, at Byfield State Forest, Yeppoon.

*G. (G.) brimblecombei* Moore colonizes *Eucalyptus mannifera* Mudie ssp. *maculosa* (R. T. Bak.) L. Johnson, and *E. brassiana* S. T. Blake grown from seed. Both hosts occurred at Canberra, A.C.T. (M. Carver, pers. comm., 1986).

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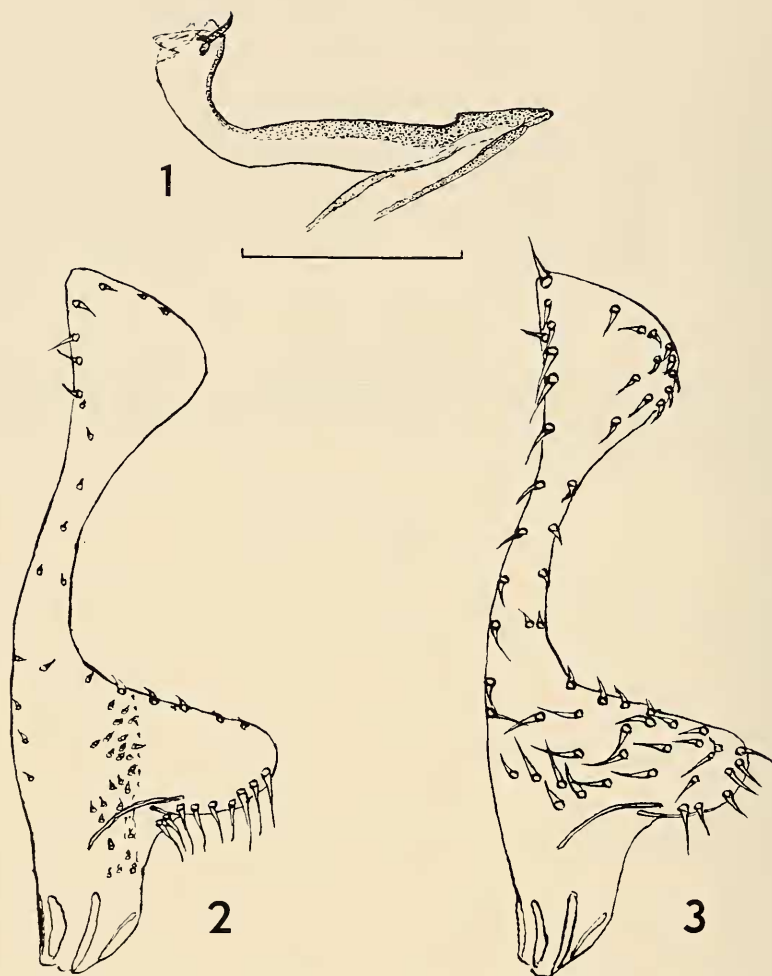
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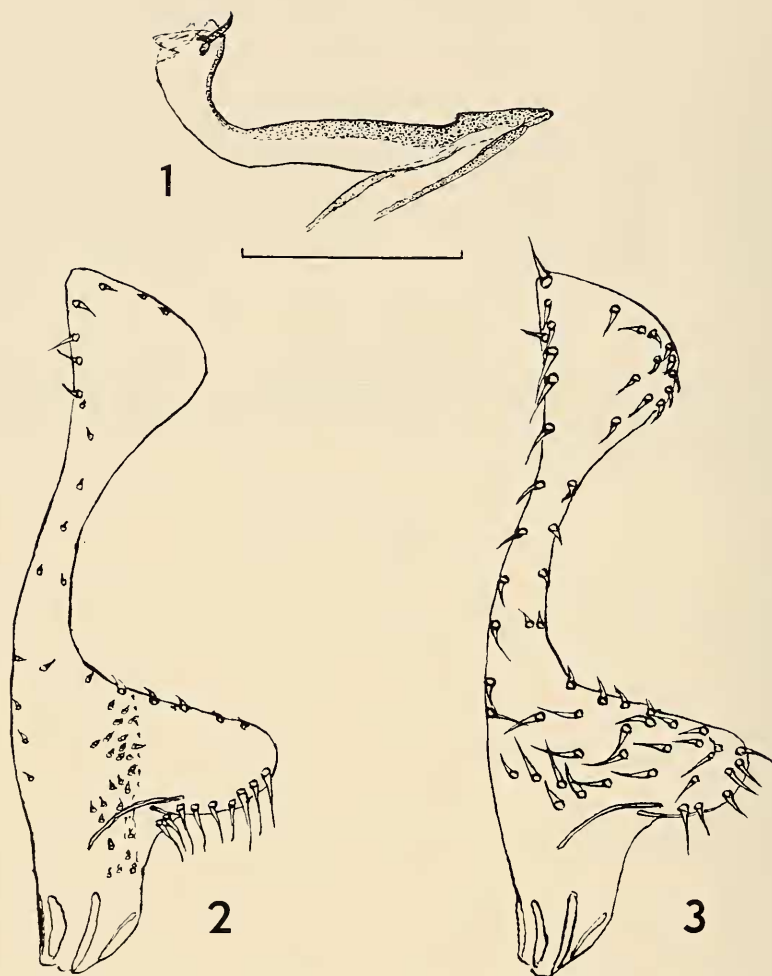


Figs 1-3. *Glycaspis incompta* sp.n. 1, aedeagus; 2, clasper, internal face; 3, clasper, external face. Posterior border of claspers on left. Scale line 0.1mm.

*G. (G.) minuscula* Moore previously known from *E. cinerea* F. Muell., *E. rubida* Deane and Maiden and *E. ?viminalis* Labill., also colonizes *E. pulverulenta* Sims at Cox's River on the Lithgow — Jenolan Road, N.S.W. (Collections made by K. G. Campbell, 1987).

#### References

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